

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FI2005/050054

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B65D90/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B65D B63B F17C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 246 789 A (PROGLER HANS) 19 April 1966 (1966-04-19) column 2, lines 37-57 column 3, lines 30-44 figures 1-3 -----	1-13
A	GB 1 409 265 A (CONCH INTERNATIONAL METHANE LTD) 8 October 1975 (1975-10-08) page 2, lines 72-118 figures 1,1a -----	1,7,9,11
A	US 3 719 302 A (HAMILTON W,GB) 6 March 1973 (1973-03-06) column 7, lines 22-50 figure 12 -----	1,9 -----

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

10 August 2005

Date of mailing of the international search report

22/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Piolat, O

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/FI2005/050054

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 91 02 881 U1 (ZEPPELIN-METALLWERKE GMBH, 7990 FRIEDRICHSHAFEN, DE) 9 April 1992 (1992-04-09) page 4, line 25 - page 6, line 8 figures 1-3 -----	1,9
A	EP 0 689 897 A (KVAERNER MASA-YARDS OY) 3 January 1996 (1996-01-03) column 5, lines 15-17 -----	3

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FI2005/050054

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 3246789	A	19-04-1966	DE FR GB	1274144 B 1373348 A 989599 A		01-08-1968 25-09-1964 22-04-1965
GB 1409265	A	08-10-1975	NONE			
US 3719302	A	06-03-1973	DE ES FR GB NL	2125264 A1 391343 A1 2093563 A5 1346771 A 7107027 A		02-12-1971 16-04-1974 28-01-1972 13-02-1974 23-11-1971
DE 9102881	U1	09-04-1992	NONE			
EP 0689897	A	03-01-1996	FI DE DE DK EP ES JP US	943158 A 69504912 D1 69504912 T2 689897 T3 0689897 A1 2121298 T3 8047773 A 5662264 A		02-01-1996 29-10-1998 25-02-1999 14-06-1999 03-01-1996 16-11-1998 20-02-1996 02-09-1997